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APPLICATION NO.	FI	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/687,216		10/12/2000	Stephen Yencho	032405-018	9923
33109	7590	12/03/2003		EXAMINER	
CARDICA 900 SAGINA	•	7 F	IZAGUIRRE, ISMAEL		
REDWOOD				ART UNIT	PAPER NUMBER
				3765	\neg
				DATE MAILED: 12/03/2003	17

Please find below and/or attached an Office communication concerning this application or proceeding.

		C.F.					
	Application No.	Applicant(s)					
	09/687,216	YENCHO ET AL.					
Office Action Summary	Examiner	Art Unit					
	Ismael Izaguirre	3765					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	correspondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period v - Failure to reply within the set or extended period for reply will, by statute - Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	36(a). In no event, however, may a reply be ting within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).					
1)⊠ Responsive to communication(s) filed on 28 A	<u>ugust 2003</u> .						
2a) This action is FINAL . 2b) ☐ This	action is non-final.						
3) Since this application is in condition for alloware closed in accordance with the practice under E	nce except for formal matters, pro Ex <i>parte Quayle</i> , 1935 C.D. 11, 45	osecution as to the merits is 53 O.G. 213.					
Disposition of Claims							
 4a) Of the above claim(s) is/are withdray 5) ☐ Claim(s) is/are allowed. 6) ☒ Claim(s) 1-4 and 7-23 is/are rejected. 7) ☐ Claim(s) is/are objected to. 	Claim(s) <u>1-4 and 7-23</u> is/are rejected.						
Application Papers	r ciocaerr requirements						
9) The specification is objected to by the Examine	ar	•					
10) The drawing(s) filed on is/are: a) acc		Examiner.					
Applicant may not request that any objection to the							
Replacement drawing sheet(s) including the correct							
11)☐ The oath or declaration is objected to by the Ex	caminer. Note the attached Office	Action or form PTO-152.					
Priority under 35 U.S.C. §§ 119 and 120							
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureau * See the attached detailed Office action for a list 13) Acknowledgment is made of a claim for domesti since a specific reference was included in the first 37 CFR 1.78. a) The translation of the foreign language pro 14) Acknowledgment is made of a claim for domesti reference was included in the first sentence of the	s have been received. s have been received in Application of the certified copies not received in Application of the certified copies not received priority under 35 U.S.C. § 1190 st sentence of the specification of the certified copies not received to priority under 35 U.S.C. § 120 priority under 35 U.S.C. §§ 120 pri	ion No ed in this National Stage ed. e) (to a provisional application) r in an Application Data Sheet. ceived. and/or 121 since a specific					
Attachment(s)							
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 1 	5) Notice of Informal F	r (PTO-413) Paper No(s) Patent Application (PTO-152)					

Art Unit: 3765

DETAILED ACTION

CLAIMS

Summary

Claims 1,8,14 and 23 are the independent claims under consideration in this Office Action.

Claims 2-4,7,9-13 and 15-22 are the dependent claims under consideration in this Office Action.

Claim Rejections - 35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-4 and 7-23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Vargas et al. (6,428,550).

Vargas et al. teach a one piece anastomoses device for connecting a graft vessel to a target vessel. Vargas et al. teach the device comprising a device body 24 (see

Application/Control Number: 09/687,216 Page 3

Art Unit: 3765

figure 1, noted as section 24) formed of a superelastic or pseudoelastic material, such as a nickel titanium alloy (column 11, line 18), which is insertable within a graft vessel 30 and attachable to a target vessel 32. Vargas et al. teach the device as having a first insertion configuration with reduced diameter and a tissue holding configuration with a larger diameter. The body includes diamond shaped portions or struts (figure 3, for example) for expanding and conforming to the tissue holding configuration.

The body further includes an inner flange 48 (figure 4, for example) and an outer flange 50. Specifically, noting the embodiments of figures 4 and 9-11, for example, at least one of the flanges includes a radially offset flange. That is, the inner and outer flanges cooperate yet are radially offset from each other to hold the graft vessel to the target vessel (note figure 11, for example).

Vargas et al. further teach the use of barb means 74 (figure 5) for penetrating and holding the graft vessel in place on the body of the device. The body is placed in a delivery device as in figure 14 including means for holding the body in an insertion configuration. The graft vessel is placed inside the body of the device (figure 5, for example) and the graft vessel is everted for presenting the intima and penetrated by the aforementioned barbs. The body is placed within and into the intima of the target vessel and the flange is moved so as to form a hook shape in the holding configuration, as in figure 6. The other flange is then moved to clamp the graft vessel to the target vessel (figure 8, for example) by manipulating the tubular elements of the delivery device. When the vessels are coacting with each other the procedure is completed and the delivery device is withdrawn.

Art Unit: 3765

Claims 1,2,4 and 7-9,11-17,19,20,22 and 23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Nobis et al. (6,605,098).

Nobis et al. teach a one piece anastomoses device for connecting a graft vessel to a target vessel. Vargas et al. teach the device comprising a device body (see figure 3c, between the leader lines of 204a and 210) formed of a medical grade material, which is insertable within a graft vessel 300 and attachable to a target vessel 902 (figure 19, for example. Nobis et al. teach the device as having a first insertion configuration with reduced diameter and a tissue holding configuration with a larger diameter. The body includes expandable portions for expanding and conforming to the tissue holding configuration.

The body further includes an inner flange 208 (figure 3c) and an outer flange 209. Specifically, at least one of the flanges includes a radially offset flange. That is, the inner and outer flanges cooperate yet are radially offset from each other to hold the graft vessel to the target vessel (note figure 19, for example). The flange 209 includes at first a non-offset portion and then has two wings that flare out offset from the flange 208 when in the tissue holding configuration.

Nobis et al. further teach the use of barb means at the end of 208 for penetrating and holding the graft vessel in place on the body of the device and on the target vessel. The body is placed in a delivery device as in figure 3c including means for holding the body in an insertion configuration. The graft vessel is placed inside the body of the device (figure 3c, for example) and the graft vessel is everted for presenting the intima and penetrated by the aforementioned barbs. The body is placed within and into the

Art Unit: 3765

intima of the target vessel and the flange is moved so as to form a hook shape in the holding configuration, as in figure 19. The other flange is then moved to clamp the graft vessel to the target vessel by manipulating the tubular elements of the delivery device. When the vessels are coacting with each other the procedure is completed and the delivery device is withdrawn.

Page 5

Claims 1-4 and 7-23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Peterson et al. (6,599,303)

Peterson et al. teach a one piece anastomoses device for connecting a graft vessel to a target vessel. Peterson et al. teach the device comprising a device body (such as in the area of 80i of figure 23a, for example) formed of a superelastic or pseudoelastic material, such as a nickel titanium alloy (column 5, lines 33-34), which is insertable within a graft vessel 30 and attachable to a target vessel 90. Peterson et al. teach the device as having a first insertion configuration with reduced diameter and a tissue holding configuration with a larger diameter. The body includes portions or struts (figure 19a and 20a, for example) for expanding and conforming to the tissue holding configuration.

The body further includes an inner flange 86e or 86f (figures 19a and 20a, for example) and an outer flange 84e or 85f. Specifically, noting the embodiments of figures 19a, 20a, for example, at least one of the flanges includes a radially offset flange. That is, the inner and outer flanges cooperate yet are radially offset from each other to hold the graft vessel to the target vessel (note figures 19c or 20b, for example).

Peterson et al. further teach the use of barb means 89e (figure 19b) for penetrating and holding the graft vessel in place on the body of the device. The body is placed in a delivery device as in figure 8 including means for holding the body in an insertion configuration. The graft vessel is placed inside the body of the device and the graft vessel is everted (figure 23b) for presenting the intima and penetrated by the aforementioned barbs. The body is placed within and into the intima of the target vessel and the flange is moved so as to form a hook shape in the holding configuration, as in figure 20b. The other flange is then moved to clamp the graft vessel to the target vessel by manipulating the tubular elements of the delivery device as in figures 10-14, for example. When the vessels are coacting with each other the procedure is completed and the delivery device is withdrawn.

Comments

The following document is the parent document of Peterson et al. '303, noted above.

Claims 1-4 and 7-23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Peterson et al. (6,152,937)

Peterson et al. teach a one piece anastomoses device for connecting a graft vessel to a target vessel. Peterson et al. teach the device comprising a device body (such as in the area of 80 of figure 23a, for example) formed of a superelastic or pseudoelastic material, such as a nickel titanium alloy (column 5, lines 33-34), which is insertable within a graft vessel 30 and attachable to a target vessel 90. Peterson et al. teach the device as having a first insertion configuration with reduced diameter and a

Art Unit: 3765

Page 7

tissue holding configuration with a larger diameter. The body includes portions or struts (figure 19a and 20a, for example) for expanding and conforming to the tissue holding configuration.

The body further includes an inner flange 86e or 86f (figures 19a and 20a, for example) and an outer flange 84e or 85f. Specifically, noting the embodiments of figures 19a, 20a, for example, at least one of the flanges includes a radially offset flange. That is, the inner and outer flanges cooperate yet are radially offset from each other to hold the graft vessel to the target vessel (note figures 19c or 20b, for example).

Peterson et al. further teach the use of barb means 86e (figure 19b) for penetrating and holding the graft vessel in place on the body of the device. The body is placed in a delivery device as in figure 8 including means for holding the body in an insertion configuration. The graft vessel is placed inside the body of the device and the graft vessel is everted (figure 23b) for presenting the intima and penetrated by the aforementioned barbs. The body is placed within and into the intima of the target vessel and the flange is moved so as to form a hook shape in the holding configuration, as in figure 20b. The other flange is then moved to clamp the graft vessel to the target vessel by manipulating the tubular elements of the delivery device as in figures 10-14, for example. When the vessels are coacting with each other the procedure is completed and the delivery device is withdrawn.

Art Unit: 3765

PERTINENT CITATIONS

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Grudan et al. and Swanson et al. illustrate devices for coupling graft vessels to target vessels and include offset flange portions.

INQUIRIES

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist at (703) 308-0861.

Any inquiry concerning this communication or earlier communications directed to the examiner should be directed to Mr. Ismael Izaguirre at (703) 308-0892 located in CP2-4B18, Monday through Friday 9:30am to 6:00pm.

Ismael Izaguirre
Primary Examiner
Group Art Unit 3765

II 11/26/03